Check List 8(6): 1089–1101, 2012
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ISSN 1809-127X (available at *www.checklist.org.br*)

Check List
Journal of species lists and distribution

LISTS OF SPECIES

Floristic composition in areas of Caatinga and Brejo de Altitude in Sergipe state, Brazil

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ABSTRACT: The purpose of this study was to characterize the vegetation of the Serra da Guia, Sergipe state, Brazil, through the floristic survey of two areas, one located at the base (Caatinga - 09°58'09"S, 37°51'52"W) and the other at the top of the mountain (Brejo de Altitude - 09°58'55"S, 37°52'06"W), with systematic monthly collections from October 2009 to September 2010. We sampled 416 species (88 families): 238 species (60 families) in the area of Caatinga and 284 species (76 families) in the Brejo. In the Caatinga, families with higher species richness were Fabaceae (32) and Euphorbiaceae (17), while in the Brejo, these were Fabaceae (25) and Poaceae (19). The Serra da Guia is the first Brejo de Altitude described and studied in the Sergipe state, and analysis of the floristic composition of plant communities in the Caatinga and the Brejo has shown that these formations have very different characteristics and high biodiversity.

INTRODUCTION

The Caatinga is the type of vegetation that covers most of the area with semi-arid climate northeastern Brazil (Giulietti *et al.* 2003) and is characterized by being the only Brazilian region with limits restricted entirely to the national territory (Leal *et al.* 2003). Although quite altered by human action, the region stands out because of its wide diversity of plant species, many of which are endemics to the biome and have adaptations to withstand water stress (Giulietti *et al.* 2003).

The Caatinga can be characterized as a forest tree or shrub biome, comprising mainly low individuals, most often equipped with spines, small leaves and some xerophytic characteristics (Prado 2003). Such attributes are related to conditions of semi-aridity originated by irregular rain and bad distribution of rainfall, with consequences such as low atmospheric humidity and pedological dryness, that determine a strictly poor ecological environment (Fernandes 2006).

Inserted in the Caatinga biome, in places of higher altitude, we can find enclaves of Atlantic Forest, known as Brejos de Altitude or Matas Serranas, that according to Theulen (2004), configure the core areas of significant importance to the preservation of biodiversity, whether by their uniqueness and rarity, or their many natural attributes, in particular the natural diversity of species.

According to Locatelli *et al.* (2004), the environments of the Brejos de Altitude are isolated from the Atlantic Forest and Caatinga, having a typical biota, consisting of a pool of species common to both the Atlantic and Amazonian forests, including endemic species.

The purpose of this study was to characterize the vegetation of the Serra da Guia, located in Poço Redondo, Sergipe state, Brazil, through the floristic survey of two areas, one located at the base of the mountain (Caatinga) and the other at the top of the mountain (Brejo de Altitude).

MATERIALS AND METHODS

The Serra da Guia (09°58' S, 37°52' W), the highest point in the Sergipe state (750 meters above sea level), is part of the Serra Negra Complex and is located on the border of the cities of Poço Redondo (Sergipe state) and Pedro Alexandre (Bahia state) (Figure 1A). It is completely surrounded by semi-arid vegetation, with an exuberant forest on the top and slopes with native Caatinga vegetation in the depressions and foothills. The climate of the region is semi-arid and the average rainfall is about 650 mm/ year, with very irregular rain that is mostly concentrated between the months of May and July.

Was conducted a floristic survey of the trees, shrubs and herbaceous vegetation of the Serra da Guia, with systematic monthly collections during the period of one year (October 2009 to September 2010) in two areas, one located at the base (Caatinga) and the other at the top of the mountain (Brejo de Altitude).

The collections of fertile botanical material were made on pre-existing tracks and 30 fixed plots of 20 x 20 m, totaling 1.2 ha, installed in the sampling areas of Caatinga and Brejo (15 plots in each area). The plots installed in the area of Caatinga (09°58'09" S, 37°51'52" W) ranged between 400-450 meters of altitude, and the plots installed in the area of Brejo de Altitude (09°58'55" S, 37°52'06" W) ranged between 700-750 meters of altitude. The straight-line distance between the sampled areas was 1.5 km (Figure 1B). The morphological characteristics considered relevant to the recognition of species were written in a field notebook and specimens were photographed.

The altitude of the region of occurrence of the Caatinga biome varies from 0 to 600 m (Maracajá and Benevides

2006) and Brejos de Altitude are generally greater than 600 m (Borges-Najosa and Caramaschi 2003). This information was used in this study as a criterion to determine the habitat of the species identified. Thus, we established that all botanical material collected up to 600 meters above the sea level would be classified as belonging to the flora of the Caatinga, and above that as part of the flora of the Brejo de Altitude.

The botanical material was collected according to the usual standards for taxonomy suggested by Mori *et al.* (1989), seeking to include the variability found in populations. The material was pressed while still in the field, and then herborized and incorporated into the collection of the Herbarium of the Federal University of Sergipe (ASE), where it was identified by means of specialized bibliography, taxonomic keys, comparison with material from the collection of the Herbaria ASE and MAC and sent to specialists. The acronyms of the institutions are in agreement with Thiers [continuously updated].

The classification system adopted for the Angiosperms was Angiosperm Phylogeny Group III - APG III (Chase and Reveal 2009). For the Pteridophytes, the classification system adopted was according to Tryon and Tryon (1982). The spelling, authorship of the species and updating of scientific names were verified after consulting the literature and the site of the Missouri Botanical Garden's VAST (VAScular Tropicos) nomenclatural database - W3 Tropicos (2006) and of the List of Species of the Brazilian Flora (2011).

The floristic list was prepared in accordance with the Angiosperm Phylogeny Group III - APG III (Chase and Reveal 2009) and the families are listed in alphabetical order. In addition, information is provided on popular name, habitat and habits (Eiten 1992) of each species. We also compared the species referred to in this study with the lists of species endemic to the Caatinga (Giulietti *et al.* 2002; Cardoso and Queiroz 2007) and to the Atlantic Forest (Stehmann *et al.* 2009), as well as threatened (IBAMA 1992; Biodiversitas 2005; MMA 2008; IUCN 2010), rare (Giulietti *et al.* 2009) and invasive (Lowe *et al.* 2000; GISD 2010; Horus Institute 2010) species.

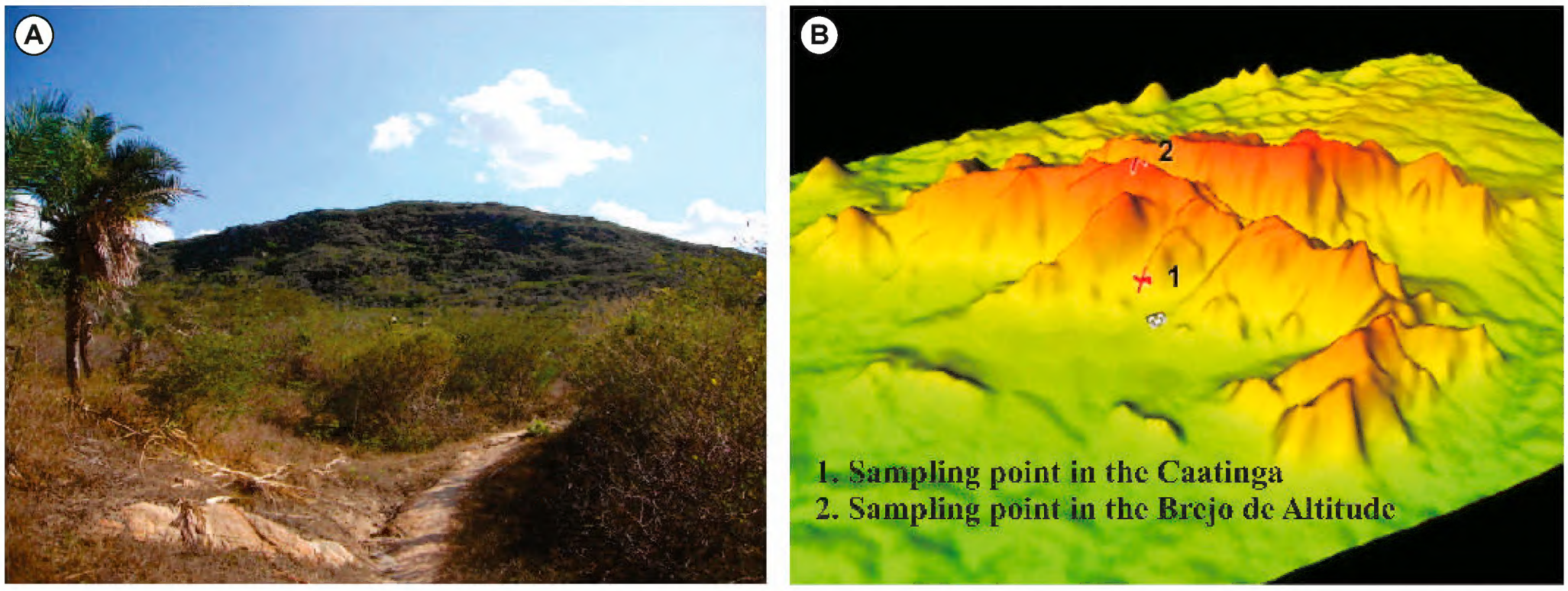

Figure 1. Serra da Guia, Poço Redondo, Sergipe state, Brazil: A. Partial view of the Serra da Guia. B. Location of sampling points in the Digital Elevation Model.

Results and Discussion

The Serra da Guia in Poço Redondo, Sergipe state, is characterized by presenting at its top a medium sized semi-deciduous vegetation, in which the component tree reaches a height of 17 m, embedded in a hyperxerophilous Caatinga matrix.

Tables 1 and 2 list the species occurring in the study area, with information on habitat, habit and category extinction. In the floristic survey we sampled 825 specimens belonging to 416 species, 252 genera and 88 botanical families.

Among the species occurring in the study area, 411 were Angiosperms (309 eudicots, 96 monocots and 6 magnoliids) – which corresponds to approximately 66% of the total inventory for the phytogeographical area of Caatinga in the Sergipe state, according to data taken from the list of species of Flora of Brazil (2011) – and five were Pteridophytes (*Anemia oblongifolia, Asplenium pumilum*, *Hemionitis palmata*, *Salvinia* cf. *oblongifolia* and *Serpocaulon triseriale*).

The richest families were Fabaceae (42 species: 12 Caesalpinioideae, 13 Mimosoideae, 17 Papilionoideae), Poaceae (27 species), Euphorbiaceae (24 species), Asteraceae (23 species), Cyperaceae (19 species), Orchidaceae and Rubiaceae (18 species each), Malvaceae (15 species), Myrtaceae (13 species) and Bromeliaceae (12 species).

The genera richest in species were *Croton* (Euphorbiaceae) with nine species (*C. argyrophyllus*, *C. heliotropiifolius*, *C.* cf. *pedicellatus*, *C. tetradenius*, *C. tricolor*, *C. urticifolius*, *Croton* sp. 1, *Croton* sp. 2 and *Croton* sp. 3) followed by *Cyperus* (Cyperaceae) and *Polygala* (Polygalaceae) with seven species each (*C. aggregatus*, *C. distans*, *C. haspan*, *C. squarrosus*, *C. surinamensis*, *C. uncinulatus* and *Cyperus* sp.; *P. boliviensis, P. decumbens, P. glochidiata, P. paniculata, P. spectabilis, P. violacea* and *Polygala* sp.).

As for the habit, it was found that 76 species (18.3%) were trees, 66 (15.9%) shrubs, 30 (7.2%) subshrubs, 194 (46.6%) herbs, 45 (10.8%) climbers and five (1.2%) lianas.

Was observed for the area of Caatinga the occurrence of 238 species, 162 genera and 60 families, and for the area of

Brejo de Altitude, 284 species, 195 genera and 76 families. A total of 110 species (39 families) were observed in both areas, 174 species were unique to the Brejo de Altitude and 128 species unique to the Caatinga. In addition, 14 families were found exclusively in the Caatinga and 28 in the Brejo, with most being represented by a single species.

The more significant families in the Caatinga were Fabaceae (32 species: 10 Caesalpinioideae, 11 Mimosoideae and 11 Papilionoideae), Euphorbiaceae (17 species), Rubiaceae (13 species), Asteraceae (12 species), Convolvulaceae and Malvaceae (10 species each), Orchidaceae (nine species), Poaceae (eight species) and Bignoniaceae, Malpighiaceae, Myrtaceae and Verbenaceae (seven species each) (Figure 2). The most significant genera were *Croton* (six species), *Ipomoea* and *Senna* (five species each) and *Euphorbia*, *Mimosa*, *Polygala* and *Solanum* (four species each).

Fabaceae and Euphorbiaceae are highly represented in surveys in different physiognomies of the Caatinga (Souza 1983, unpublished data; Drumon *et al.* 2002; Santana and Souto 2006; Carvalho *et al.* 2007; Ferreira *et al.* 2007; Fabricante and Andrade 2007; Calixto Jr. *et al.* 2009; Ferraz 2009, unpublished data), confirming the results obtained in this study.

For the Brejo de Altitude the main families were Fabaceae (25 species: eight Caesalpinioideae, seven Mimosoideae and 10 Papilionoideae), followed by Poaceae (19 species), Asteraceae (18 species), Cyperaceae (15 species), Euphorbiaceae (14 species), Orchidaceae (13 species), Rubiaceae (12 species), Bromeliaceae (10 species), Myrtaceae and Malvaceae (nine species each) and Bignoniaceae and Polygalaceae (seven species each) (Figure 2). Regarding genera, the main ones were *Croton* (seven species), *Cyperus* (six species), *Polygala* (five species) and *Senna* and *Tillandsia* (four species each).

In other surveys conducted in Brejos de Altitude, Fabaceae also stood out as the richest family, followed by Myrtaceae (Ferraz *et al*. 1998; Moura and Sampaio 2001), Rubiaceae (Barbosa *et al.* 2004) or Asteraceae and Euphorbiaceae (Rodal *et al.* 2005).

By comparing the floristic lists obtained from this study with the lists of species endemic to the Caatinga and the Atlantic Forest, as well as threatened, rare and invasive species, we found 35 species endemic to the Caatinga, of which 17 were also observed in tracks or in areas of rocky outcrops of the Brejo, and three of these (*Cynophalla flexuosa*, *Neocalyptrocalyx longifolium* and *Guettarda angelica*) within the Brejo de Altitude; nine species endemic to the Atlantic Forest, with six of these found in an area of Caatinga; six threatened species: *Myracrodruon urundeuva* and *Schinopsis brasiliensis* (Anacardiaceae), *Catasetum uncatum* (Orchidaceae) and *Simaba floribunda* (Simaroubaceae) occurred in both areas, and *Campomanesia aromatica* (Myrtaceae) and *Cattleya labiata* (Orchidaceae) occurred exclusively in the Brejo; and 11 invasive species, two of which occurred only in the Caatinga, four exclusively in the Brejo and five were seen in both areas (Table 1).

The Serra da Guia is configured as the first Brejo de Altitude described and studied in the Sergipe state, and analysis of the floristic composition of plant communities in the Caatinga and the Brejo showed that, although they are adjacent to one another, these formations have very different characteristics.

The results of this study, added to several wildlife inventories conducted in the region (Caldas *et al.* 2009; Ruiz-Esparza Aguilar 2010, unpublished data; Rocha 2010, unpublished data), indicate the Serra da Guia as an area of high biodiversity and unique in the Sergipe state, showing the need for ongoing research in this region and for the implementation of a conservation area.

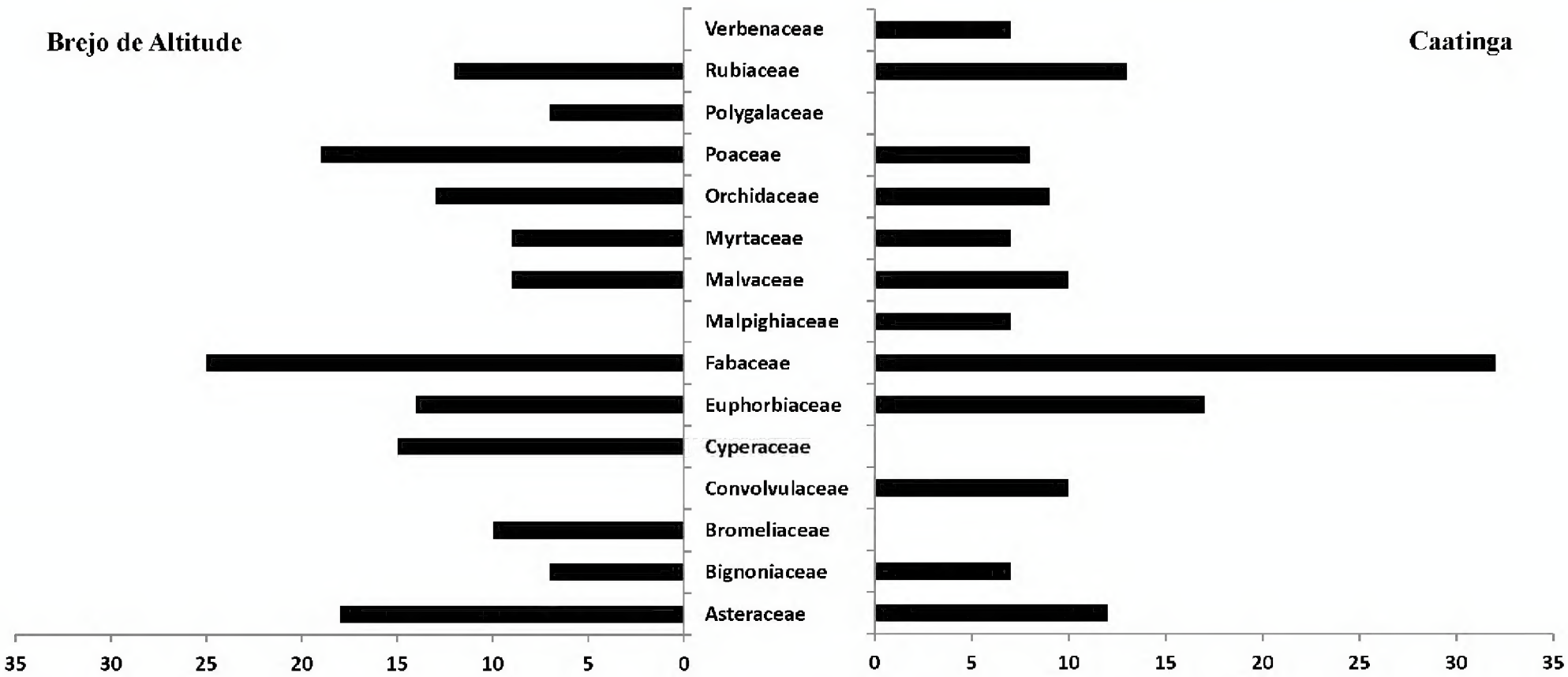

FIGURE 2. The richest botanical families in the areas of Brejo de Altitude and Caatinga in the Serra da Guia, Poço Redondo, Sergipe state, Brazil.

Table 1. List of families and species of Angiosperms of the Serra da Guia, Poço Redondo, Sergipe state, Brazil, with their vouchers (ASE), collectors (name and number), popular names, habitats, habits and categories extinction. Collector. C: Costa, S.M.; F: Farinaccio, M.A.; L: Lemos, I.C.; M: Machado, W.J.; Me: Menezes, I.R.N.; P: Prata, A.P.; S: Santos, L.A.S.; Sa: Santos, R.B. Habitat. B: Brejo de Altitude; C: Caatinga. Habit. Tre: tree; Shr: Shrurb; Ssh: subshrub; Her: herb; Cli: climber; Lia: liana. Category. ECa: endemic to the Caatinga; EAF: endemic to the Atlantic Forest; Thr: threatened; Inv: invasive. * species observed in the study site, but not collected due to the difficult access to their individuals.

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Acanthaceae						
Ruellia bahiensis (Ness) Morong	15816	M 01	folha-de-mocó	B/C	Her	-
Alstroemeriaceae						
Alstroemeria sp.	16002	M 11	-	B	Her	-
Bomarea edulis (Tussac) Herb.	9047	C 107	-	B	Her	-
Amaranthaceae						
Alternanthera tenella Colla	16025	M 34	erva-de-ovelha	B/C	Her	Inv
Amaranthaceae sp.	16743	M 160	-	B/C	Her	-
Amaryllidaceae						
Hippeastrum stylosum Herb.	16022	M 31	-	B	Her	-
Zephyranthes sp.	16695	M 112	cebola-da-terra	C	Her	-
Anacardiaceae						
Anacardium occidentale L.	20070	M 799	cajueiro	B	Tre	-
Myracrodruon urundeuva Allemão	20088	M 915	aroeira	B/C	Tre	Thr
Schinopsis brasiliensis Engl.	20333	M 1091	braúna	B/C	Tre	Thr
Annonaceae						
Annona vepretorum Mart.	16135	M 95	Araticun-zeiro	C	Tre	ECa
Apiaceae						
Spananthe paniculata Jacq.	19935	M 664	-	B	Her	-
Apocynaceae						
Allamanda blanchetii A.DC.	17553	M 276	-	B/C	Cli	ECa
Aspidosperma pyrifolium Mart.	20040	M 769	pereiro	C	Tre	ECa
Mandevilla microphylla (Stadelm.) M.F.Sales and Kin.-Gouv.	16117	M 77	-	B/C	Cli	-
Marsdenia altissima (Jacq.) Dugand	19509	F 798	-	B	Lia	-
Matelea ganglinosa (Vell.) Rapini	20060	M 789	maria-da-corta	B/C	Lia	-
Prestonia coalita (Vell.) Woodson	16041	M 50	-	B/C	Cli	-
Skytanthus hancorniifolius (A. DC.) Miers	16763	M 183	-	B/C	Shr	-
Araceae						
Anthurium affine Schott	16774	M 194	santo-inácio	B	Her	-
Anthurium sp.	18644	M 438	-	B	Her	-
Philodendron sp.	17566	M 289	comigo-ninguém-pode	B/C	Her	-
Pistia stratiotes L.	20062	M 791	orelha-de-burro	C	Her	Inv
Arecaceae						
Syagrus coronata (Mart.) Becc.	18625	M 419	licuri	B/C	Shr	-
Aristolochiaceae						
Aristolochia sp.	19864	M 593	jarrinha	C	Her	-
Asteraceae						
Acmella sp.	18721	M 516	-	B/C	Her	-
Ageratum conyzoides L.	19846	M 575	mentrasto	B/C	Her	Inv
Bidens pilosa L.	19814	M 543	carrapicho-de-agulha	B/C	Her	Inv
Centratherum punctatum Cass.	18670	M 465	-	B/C	Ssh	-
Chromolaena cf. *odorata* (L.) R.M.King and H.Rob.	19947	M 676	-	B	Ssh	Inv
Delilia biflora (L.) Kuntze	16101	M 61	-	B	Her	-
Emilia fosbergii Nicolson	19843	M 572	-	B/C	Her	-
Emilia sonchifolia (L.) DC. ex Wight	18669	M 464	-	B	Her	-
Lourteigia cf. *ballotifolia* (Kunth) R.M.King and H.Rob.	19817	M 546	balaio-de-velho	B/C	Her	-
Platypodanthera melissifolia (DC.) R.M.King and H.Rob.	19823	M 552	-	C	Her	-
Pterocaulon virgatum (L.) DC.	19927	M 656	-	B	Her	-
Tridax procumbens L.	16756	M 173	-	C	Her	-
Verbesina macrophylla (Cass.) S.F.Blake	15998	M 07	fumo-bravo	B	Shr	-
Vernonia sp. 1	18652	M 446	carabina	B/C	Her	-
Vernonia sp. 2	16782	M 202	-	C	Ssh	-
Vernonia sp. 3	15779	C 627	-	B	Shr	-
Vernonia sp. 4	20037	M 766	-	C	Shr	-
Vernonia sp. 5	16011	M 20	-	B	Her	-
Wedelia cf. *alagoensis* Baker	16031	M 40	rosa-brava	B	Her	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Wedelia sp.	15768	C 616	rosa-brava	B	Her	-
Asteraceae sp. 1	16908	M 222	-	B	Ssh	-
Asteraceae sp. 2	19955	M 684	-	C	Cli	-
Asteraceae sp. 3	19844	M 573	-	B	Her	-
Begoniaceae						
Begonia convolvulacea (Klotzsch) A.DC.	16000	M 09	cansanção-de-mocó	B	Her	EAF
Bignoniaceae						
Anemopaegma sp. 1	16104	M 64	cipó-branco	C	Cli	-
Anemopaegma sp. 2	16732	M 149	-	B/C	Cli	-
Dolichandra quadrivalvis (Jacq.) L.G.Lohmann	16760	M 177	-	C	Cli	ECa
Handroanthus impetiginosus Mattos	16105	M 65	pau-d'arco-roxo	B/C	Tre	-
Handroanthus sp. 1	20327	M 1085	pau-d'arco-amarelo	B	Tre	-
Handroanthus sp. 2	20330	M 1088	pau-d'arco-branco	B/C	Tre	-
Jacaranda sp. 1	20328	M 1086	caroba	B	Tre	-
Jacaranda sp. 2	16720	M 137	-	C	Tre	-
Bignoniaceae sp. 1	16755	M 172	-	B	Cli	-
Bignoniaceae sp. 2	20086	M 913	-	C	Cli	-
Bignoniaceae sp. 3	18650	M 444	-	B	Cli	-
Bixaceae						
Cochlospermum vitifolium (Willd.) Spreng.	20053	M 782	algodão-de-seda	B/C	Tre	-
Boraginaceae						
Cordia latiloba I.M.Johnst.	19894	M 623	claraíba	B	Tre	EAF
Heliotropium indicum L.	16757	M 174	crista-de-galo	C	Her	-
Heliotropium sp.	16092	M 52	amarra-cachorro	B/C	Shr	-
Tournefortia rubicunda Salzm. ex A.DC.	16893	M 207	canudeiro	B/C	Shr	-
Bromeliaceae						
Aechmea aquilega (Salisb.) Griseb.	20322	M 1080	gravatá	B/C	Her	-
Aechmea lingulata (L.) Baker	16030	M 39	gravatá	B/C	Her	-
Cryptanthus cf. *bahianus* L.B.Sm.	18630	M 424	-	B	Her	-
Encholirium spectabile Mart. ex Schult. and Schult.f.	*	*	macambira-de-flecha	B/C	Her	ECa
Hohenbergia catingae Ule	18622	M 416	-	B/C	Her	ECa
Neoglaziovia variegata (Arruda) Mez	16707	M 124	craoá	C	Her	ECa
Orthophytum sp.	19922	M 651	macambira-de-cabeça	C	Her	-
Tillandsia polystachia (L.) L.	15787	C 635	-	B	Her	-
Tillandsia stricta Sol.	20049	M 778	-	B	Her	-
Tillandsia tenuifolia L.	8720	C 106	-	B	Her	-
Tillandsia usneoides (L.) L.	19863	M 592	-	B	Her	-
Vriesea sp.	20321	M 1079	-	B	Her	-
Burseraceae						
Commiphora leptophloeos (Mart.) J.B.Gillett	16140	M 100	imburana-de-cambão	C	Tre	ECa
Cactaceae						
Cereus jamacaru DC.	17565	M 288	mandacaru	B/C	Ssh	ECa
Melocactus ernestii Vaupel subsp. *ernestii*	16114	M 74	cabeça-de-frade	B/C	Her	ECa
Melocactus zehntneri (Britton and Rose) Luetzelb.	9265	L 82	cabeça-de-frade	B/C	Her	ECa
Pilosocereus catingicola (Gürke) Byles and Rowley	15341	M 178	facheiro	B/C	Ssh	-
Pilosocereus sp.	18687	M 482	facheiro	B/C	Ssh	-
Rhipsalis floccosa Salm-Dyck ex Pfeiff.	16736	M 153	-	B	Her	-
Tacinga palmadora (Britton and Rose) N.P.Taylor and Stuppy	19923	M 652	quipá	C	Her	ECa
Cannabaceae						
Celtis iguanaea (Jacq.) Sarg.	16740	M 157	Joameiri-nho	B	Tre	-
Cannaceae						
Canna sp.	18680	M 475	-	B	Her	-
Capparaceae						
Cynophalla flexuosa (L.) J.Presl	16138	M 98	feijão-bravo	B/C	Tre	ECa
Neocalyptrocalyx longifolium (Mart.) Cornejo and Iltes	16689	M 106	icó	B/C	Tre	ECa
Neocalyptrocalyx nectarea (Vell.) Hutch.	19965	M 694	-	B	Tre	-
Celastraceae						
Maytenus rigida Mart.	16688	M 105	bonome	C	Tre	ECa
Maytenus sp.	20065	M 794	bonome-da-mata	B	Tre	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Cleomaceae						
Cleome lanceolata (Mart. and Zucc.) Iltis	20023	M 752	-	C	Her	-
Clusiaceae						
Clusia dardanoi G.Mariz and Maguire	16029	M 38	casuçú	B/C	Tre	EAF
Combretaceae						
Combretum cf. *fruticosum* (Loefl.) Stuntz	18660	M 455	-	B	Shr	-
Commelinaceae						
Commelina erecta L.	16738	M 155	água-de-santa-luzia	C	Her	-
Convolvulaceae						
Cuscuta sp.	16709	M 126	linha-de-bordar	C	Her	-
Evolvulus glomeratus Nees and Mart.	16758	M 175	-	C	Her	-
Ipomoea batatoides Choisy	20047	M 776	-	C	Cli	-
Ipomoea brasiliana (Choisy) Meisn.	16014	M 23	batata-de-porco	B/C	Cli	ECa
Ipomoea longeramosa Choisy	20072	M 801	-	C	Cli	-
Ipomoea regnellii Meisn.	20059	M 788	-	C	Cli	-
Ipomoea sp.	19993	M 722	-	C	Cli	-
Jacquemontia evolvuloides (Moric.) Meisn.	16009	M 18	amarra-pé	B/C	Cli	-
Jacquemontia sp.	19983	M 712	-	C	Cli	-
Operculina macrocarpa (L.) Urb.	16013	M 22	batata-de-purga	B	Her	-
Convolvulaceae sp. 1	18041	M 320	-	C	Cli	-
Crassulaceae						
Kalanchoe pinnata (Lam.) Pers.	20066	M 795	-	B	Her	Inv
Cucurbitaceae						
Cayaponia tayuya (Vell.) Cogn.	16113	M 73	-	C	Cli	-
Cucurbitaceae sp. 1	19918	M 647	-	B	Her	-
Cucurbitaceae sp. 2	16099	M 59	melão-de-cerca	B/C	Cli	-
Cyperaceae						
Bulbostylis capillaris (L.) C.B.Clarke	18632	M 426	-	B	Her	-
Cyperus aggregatus (Willd.) Endl.	18626	M 420	-	B	Her	-
Cyperus distans L.	18679	M 474	-	B/C	Her	-
Cyperus haspan L.	15813	C 662	-	B	Her	-
Cyperus squarrosus L.	8736	C 95	-	B	Her	-
Cyperus surinamensis Rottb.	18639	M 433	-	B	Her	-
Cyperus uncinulatus Schrad. ex Nees	8737	C 97	-	-	Her	-
Cyperus sp.	19893	M 622		B	Her	-
Eleocharis elegans (Kunth) Roem. and Schult.	19858	M 587	-	C	Her	-
Eleocharis sp.	15814	C 663	-	C	Her	-
Fimbristylis dichotoma (L.) Vahl	8735	C 94	-	B	Her	-
Fuirena umbellata Rottb.	18637	M 431	-	B	Her	-
Kyllinga odorata Vahl	19915	M 644	-	B	Her	-
Kyllinga squamulata Thonn. ex Vahl	19904	M 633	-	B	Her	-
Lipocarpha micrantha (Vahl) G.C.Tucker	17331	Me 167	-	B	Her	-
Pycreus fugax (Liebm.) C.D.Adams	9239	L 72	-	B	Her	-
Pycreus macrostachyos (Lam.) J.Raynal	19892	M 621	-	B	Her	-
Rhynchospora contracta (Nees) J.Raynal	18575	M 369	-	C	Her	-
Scleria reticularis Michx. ex Willd.	19877	M 606	-	B/C	Her	EAF
Dioscoreaceae						
Dioscorea leptostachya Gardner	19854	M 583	-	B	Cli	-
Dioscorea ovata Vell.	18722	M 517	xinin	C	Cli	-
Dioscorea piperifolia Humb. and Bonpl. ex Willd.	19949	M 678	xinin	B	Cli	-
Eriocaulaceae						
Paepalanthus myocephalus (Mart.) Körn.	19954	M 683	-	B	Her	-
Erythroxylaceae						
Erythroxylum revolutum Mart.	20329	M 1087	quiri-de-junta	C	Tre	-
Erythroxylum subrotundum A.St.-Hil.	16920	M 234	varela	B/C	Tre	-
Erythroxylum sp.	20334	M 1092	pau-chorão	B	Tre	-
Euphorbiaceae						
Cnidoscolus quercifolius Pohl	16690	M 107	favela	C	Shr	-
Cnidoscolus urens (L.) Arthur	8675	P 1343	cansanção	B/C	Her	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Croton argyrophyllus Kunth	16918	M 232	sacatinga-branca	B	Tre	-
Croton heliotropiifolius Kunth	16783	M 179	velande	B/C	Ssh	-
Croton cf. *pedicellatus* Kunth	18062	M 341	velande-rasteiro	B/C	Ssh	-
Croton tetradenius Baill.	16746	M 163	velandinho	B/C	Her	-
Croton tricolor Klotzsch ex Baill.	16894	M 208	sacatinga-preta	B	Tre	-
Croton urticifolius Lam.	18050	M 329	-	C	Her	-
Croton sp. 1	18036	M 315	-	C	Ssh	-
Croton sp. 2	17549	M 272	velande-branco	B/C	Shr	-
Croton sp. 3	16903	M 217	candeia-branca	B	Shr	-
Euphorbia comosa Vell.	18028	M 307	-	C	Her	-
Euphorbia heterodoxa Müll. Arg.	16134	M 94	tingui	C	Her	-
Euphorbia hyssopifolia L.	19900	M 629	erva-sangue	B/C	Her	-
Euphorbia phosphorea Mart.	17557	M 280	pau-de-lei-te/labirinto	C	Her	-
Euphorbia sp.	17546	M 269	-	B	Her	-
Jatropha mutabilis (Pohl) Baill.	16702	M 119	pinhão	C	Ssh	ECa
Jatropha ribifolia (Pohl) Baill.	18034	M 313	pinhão-rasteiro	C	Ssh	ECa
Manihot dichotoma Ule	16901	M 215	mandioca-brava	C	Shr	ECa
Phyllanthus sp.	19979	M 708	quebra-pedra	C	Her	-
Sapium glandulosum (L.) Morong	16776	M 196	burra-leiteira	B/C	Tre	-
Tragia sp.	16937	M 253	-	B	Cli	-
Euphorbiaceae sp. 1	20342	M 1100	-	B	Tre	-
Euphorbiaceae sp. 2	20324	M 1082	pau-teiu	B	Tre	-
Fabaceae- Caesalpinioideae						
Bauhinia cheilantha (Bong.) Steud.	16124	M 84	mororó	B/C	Shr	-
Chamaecrista cf. *nictitans* (L.) Moench	19839	M 568	-	B	Shr	-
Chamaecrista sp. 1	16889	M 203	-	B/C	Shr	-
Chamaecrista sp. 2	19962	M 691	-	C	Shr	-
Libidibia ferrea (Mart. ex Tul.) L.P.Queiroz	20079	M 808	pau-ferro	B/C	Tre	-
Poincianella pyramidalis (Tul.) L.P.Queiroz	16905	M 219	catingueira	C	Tre	ECa
Senna cana (Nees and Mart.) H.S.Irwin and Barneby	16109	M 69	flor-de-bezouro	C	Shr	-
Senna macranthera (DC. ex Collad.) H.S.Irwin and Barneby	16004	M 13	flor-de-bezouro	B/C	Shr	-
Senna obtusifolia (L.) H.S.Irwin and Barneby	11459	P 1345	-	B	Ssh	ECa
Senna rizzinii H.S.Irwin and Barneby	15771	C 619	-	B/C	Shr	ECa
Senna splendida (Vogel) H.S.Irwin and Barneby	18713	M 508	-	C	Shr	ECa
Senna sp.	20064	M 793	flor-de-são-joão	B/C	Shr	-
Fabaceae- Mimosoideae						
Albizia sp.	15792	C 640	moisés	B	Tre	-
Anadenanthera colubrina (Vell.) Brenan	*	*	angico-de-caroço	C	Tre	-
Chloroleucon foliolosum (Benth.) G.P.Lewis	20029	M 758	arapiraca	B/C	Shr	-
Mimosa acutistipula (Mart.) Benth.	20028	M 757	-	C	Shr	-
Mimosa arenosa (Willd.) Poir.	18725	M 520	calumbi	B/C	Shr	ECa
Mimosa sensitiva L.	20008	M 737	unha-de-gato	C	Shr	-
Mimosa tenuiflora (Willd.) Poir.	16137	M 97	jurema-preta	B/C	Tre	-
Parapiptadenia zehntneri (Harms) M.P.Lima and H.C.Lima	20030	M 759	angico-manjola	C	Tre	ECa
Piptadenia stipulacea (Benth.) Ducke	18568	M 362	espinheiro-branco	B/C	Tre	-
Pityrocarpa moniliformis (Benth.) Luckow and R.W.Jobson	16125	M 85	quipé	C	Tre	-
Senegalia monacantha (Willd.) Seigler and Ebinger	20039	M 768	jiquirizeiro	B/C	Tre	-
Senegalia piauhiensis (Benth.) Seigler and Ebinger	16892	M 206	jurema-branca	C	Tre	-
Senegalia polyphylla (DC.) Britton and Rose	17538	M 261	espinheiro	B	Tre	-
Fabaceae- Papilionoideae						
Aeschynomene evenia C.Wright and Sauvalle	15755	C 604	-	C	Ssh	-
Aeschynomene mollicula Kunth	15747	P 1653	-	B/C	Ssh	-
Aeschynomene sp.	19940	M 669	-	C	Her	-
Bowdichia virgilioides Kunth	16703	M 120	-	C	Shr	-
Centrosema brasilianum (L.) Benth.	19950	M 679	-	B/C	Cli	-
Chaetocalyx scandens (L.) Urb.	19822	M 551	-	C	Cli	-
Clitoria sp.	9141	P 1336	-	_	Cli	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Crotalaria cf. *retusa* L.	19842	M 571	-	B	Her	-
Dioclea violacea Mart. ex Benth.	16035	M 44	olho-de-boi	B/C	Lia	-
Indigofera lespedezioides Kunth	16936	M 252	anil	B/C	Ssh	-
Indigofera suffruticosa Mill.	*	*	-	B	Her	-
Machaerium hirtum (Vell.) Stellfeld	16119	M 79	mau-vizinho	B	Tre	-
Macroptilium bracteatum (Nees and Mart.) Maréchal and Baudet	19967	M 696	feijãozinho	B/C	Her	-
Vigna sp.	16778	M 198	-	B/C	Cli	-
Zollernia ilicifolia (Brongn.) Vogel	20340	M 1098	-	B	Tre	
Zornia cf. *leptophylla* (Benth.) Pittier	18735	M 530	amendoim-bravo	C	Ssh	-
Zornia sericea Moric.	9250	L 51	-	-	Her	-
Gentianaceae						
Schultesia guianensis (Aubl.) Malme	19836	M 565	-	B/C	Her	-
Gesneriaceae						
Sinningia nordestina Chautems, Baracho and Siqueira-Filho	19925	M 654	-	B	Her	-
Iridaceae						
Cypella linearis (Kunth) Baker	19831	M 560	alho-da-terra	C	Her	-
Krameriaceae						
Krameria tomentosa A.St.-Hil.	18727	M 522	-	C	Her	-
Lamiaceae						
Hypenia salzmannii (Benth.) Harley	16698	M 115	Barrigudi-nha	C	Her	-
Hyptis calida Mart. ex Benth.	18642	M 436	candeia-de-caboclo	C	Ssh	-
Hyptis pectinata (L.) Poit.	19942	M 671	sambacaitá	B/C	Her	-
Marsypianthes cf. *chamaedrys* (Vahl) Kuntze	18027	M 306	-	C	Her	-
Rhaphiodon echinus Schauer	18572	M 366	espinho-de-bola	C	Her	-
Lauraceae						
Ocotea sp.	16018	M 27	-	B	Tre	-
Lauraceae sp.	16775	M 195	casuçú	B	Tre	-
Loranthaceae						
Phthirusa podoptera (Cham. and Schltdl.) Kuijt	16909	M 223	-	B	Shr	-
Struthanthus sp.	16091	M 51	-	B	Cli	-
Lythraceae						
Cuphea sp.	18562	M 356	-	C	Her	-
Lafoensia pacari A.St.-Hil.	19903	M 632	banha-de-galinha	B	Tre	-
Pleurophora anomala (A.St.-Hil.) Koehne	20067	M 796	-	C	Her	-
Malpighiaceae						
Byrsonima sp.	18621	M 415	-	B/C	Shr	-
Galphimia brasiliensis (L.) A.Juss.	16131	M 91	-	B/C	Her	-
Heteropterys sp. 1	16718	M 135	-	C	Shr	-
Heteropterys sp. 2	16120	M 80	-	B	Cli	-
Ptilochaeta bahiensis Turcz.	16687	M 104	pau-de-pipoca	C	Shr	-
Stigmaphyllon paralias A.Juss.	17525	M 238	malina	C	Ssh	-
Stigmaphyllon sp.	16734	M 151	cipó-de-catengui	B/C	Lia	-
Malpighiaceae sp. 1	18032	M 311	-	C	Lia	-
Malpighiaceae sp. 2	17552	M 275	-	B	Ssh	-
Malpighiaceae sp. 3	18707	M 502	-	B	Cli	-
Malvaceae						
Abutilon regnellii Miq.	16749	M 166	-	B/C	Shr	EAF
Corchorus cf. *hirtus* L.	19899	M 628	-	B	Ssh	-
Helicteres baruensis Jacq.	16771	M 191	bola-de-caçador	B	Shr	-
Helicteres sp.	16779	M 199	cipó-de-caçador	B/C	Shr	-
Herissantia crispa (L.) Brizicky	16130	M 90	-	C	Shr	ECa
Herissantia tiubae (K.Schum.) Brizicky	16742	M 159	mela-bode	B	Shr	ECa
Malvastrum sp.	19958	M 687	-	B/C	Ssh	-
Pavonia cancellata (L.) Cav.	20026	M 755	-	C	Her	-
Pavonia sp.	16692	M 109	-	C	Shr	-
Sida galheirensis Ulbr.	18711	M 506	-	C	Her	ECa
Sida sp. 1	15796	C 645	-	B	Her	-
Sida sp. 2	16724	M 141	-	B	Her	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Malvaceae sp. 1	20326	M 1084	moleque-duro	B/C	Tre	-
Malvaceae sp. 2	16685	M 102	-	C	Her	-
Malvaceae sp. 3	20048	M 777	-	C	Her	-
Marantaceae						
Calathea sp.	18017	M 296	-	B	Her	-
Maranta sp.	16773	M 193	cana-de-macaco	B/C	Her	-
Marcgraviaceae						
Schwartzia brasiliensis (Choisy) Bedell ex Gir.-Cañas	16744	M 161	casuçú	B	Tre	-
Melastomataceae						
Tibouchina multiflora Cogn.	20054	M 783	-	C	Ssh	-
Menispermaceae						
Cissampelos sp.	16906	M 220	-	B	Cli	-
Moraceae						
Ficus sp.	18659	M 453	gameleira	B/C	Tre	-
Myrtaceae						
Campomanesia aromatica (Aubl.) Griseb.	20339	M 1097	vermelhi-nho	B	Tre	Thr
Campomanesia eugenioides (Cambess.) D.Legrand	18609	M 403	araçá-de-porco	B/C	Shr	-
Campomanesia eugenioides (Cambess.) D.Legrand var. *desertorum*	16701	M 118	-	C	Shr	ECa
Campomanesia eugenioides (Cambess.) D.Legrand var. *eugenioides*	16896	M 210	-	C	Shr	-
Eugenia brejoensis Mazine	18657	M 451	-	B	Shr	-
Eugenia candolleana DC.	16727	M 144	azeitona	B	Tre	-
Eugenia aff. *candolleana* DC.	20332	M 1090	pitomba-de-cágado	C	Shr	-
Eugenia ligustrina (Sw.) Willd.	18014	M 293	canela-de-viado	B/C	Tre	-
Myrcia guianensis (Aubl.) DC.	18611	M 405	-	B	Shr	-
Myrcia splendens (Sw.) DC.	18586	M 380	-	B	Shr	-
Plinia sp.	16737	M 154	cambucá	B	Tre	-
Psidium appendiculatum Kiaersk.	16711	M 128	araçá-de-boi	C	Shr	-
Psidium schenckianum Kiaersk.	18569	M 363	araçá	B/C	Tre	-
Nyctaginaceae						
Guapira noxia (Netto) Lundell	16691	M 108	bandola	B/C	Tre	-
Guapira sp.	16912	M 226	bandola-da-mata	B	Tre	-
Olacaceae						
Ximenia americana L.	20082	M 909	ameixa	C	Shr	-
Onagraceae						
Ludwigia octovalvis (Jacq.) P.H.Raven	19851	M 580	-	C	Her	-
Ludwigia sp.	20076	M 805	-	C	Her	-
Orchidaceae						
Alatiglossum barbatum (Lindl.) Baptista	19921	M 650	-	B	Her	-
Campylocentrum micranthum (Lindl.) Rolfe	15857	S 128	-	B	Her	-
Catasetum hookeri Lindl.	18605	M 399	-	B/C	Her	-
Catasetum uncatum Rolfe	15862	S 134	-	B/C	Her	Thr
Cattleya labiata Lindl.	15739	P 1645	-	B	Her	Thr
Cranichis candida (Barb.Rodr.) Cogn.	18421	M 454	-	B	Her	-
Cyrtopodium holstii L.C.Menezes	15865	S 138	-	C	Her	EAF
Epidendrum cinnabarinum Salzm.	16761	M 181	-	B	Her	EAF
Epidendrum rigidum Jacq.	15801	C 650	-	B	Her	-
Habenaria schenckii Cogn.	19833	M 562	-	C	Her	-
Hapalorchis lineatus (Lindl.) Schltr.	15761	C 610	-	B	Her	-
Oeceoclades maculata (Lindl.) Lindl.	18606	M 400	-	B/C	Her	Inv
Polystachya estrellensis Rchb.f.	18411	S 180	-	B	Her	-
Prescottia plantaginifolia Lindl. ex Hook.	20055	M 784	-	C	Her	-
Sacoila lanceolata (Aubl.) Garay	16693	M 110	-	C	Her	-
Vanilla palmarum (Salzm. ex Lindl.) Lindl.	18417	S 131	-	B/C	Her	-
Vanilla planifolia Jacks. ex Andrews	8721	C 111	banana-brava	C	Her	-
Zygostates sp.	18418	S 136	-	B	Her	-
Oxalidaceae						
Oxalis divaricata Mart. ex Zucc.	18033	M 312	quebra-pedra	C	Her	-
Oxalis sp.	18596	M 390	-	B	Shr	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Passifloraceae						
Passiflora cincinnata Mast.	16725	M 142	maracujá-do-mato	B/C	Cli	-
Passiflora foetida L.	16931	M 247	maracujá-de-papoco	B	Cli	Inv
Piriqueta racemosa (Jacq.) Sweet	16016	M 25	-	B/C	Her	-
Turnera calyptrocarpa Urb.	18051	M 330	-	C	Ssh	-
Turnera cearensis Urb.	15749	P 1655	-	B	Ssh	-
Turnera chamaedrifolia Cambess.	16729	M 146	-	B	Ssh	-
Phytolaccaceae						
Microtea paniculata Moq.	17535	M 258	-	B	Her	-
Petiveria alliacea L.	17529	M 257	-	B	Her	-
Rivina humilis L.	17541	M 264	-	B	Her	-
Piperaceae						
Piperaceae sp. 1	18613	M 407	-	B	Her	-
Piperaceae sp. 2	18623	M 417	-	B	Her	-
Plantaginaceae						
Angelonia biflora Benth.	16103	M 63	-	B/C	Her	ECa
Angelonia campestris Nees and Mart.	16715	M 132	-	B/C	Her	ECa
Angelonia cornigera Hook.f.	18031	M 310	-	C	Her	ECa
Scoparia dulcis L.	16024	M 33	-	B/C	Her	-
Poaceae						
Apochloa sp.	19897	M 626	-	B	Her	-
Aristida setifolia Kunth	19879	M 608	-	B	Her	-
Axonopus sp.	19889	M 618	-	B	Her	-
Chloris sp.	19912	M 641	-	B	Her	-
Dactyloctenium aegyptium (L.) Willd.	18579	M 373	-	C	Her	-
Dichanthelium cf. *sciurotis* (Trin.) Davidse	16927	M 243	-	B	Her	-
Digitaria cf. *horizontalis* Willd.	18580	M 374	-	C	Her	-
Digitaria sp.	19908	M 637	-	B	Her	-
Enteropogon sp.	19881	M 610	-	B	Her	-
Eragrostis articulata (Schrank) Nees	19976	M 705	-	B	Her	-
Eragrostis ciliaris (L.) R.Br.	19909	M 638	-	B	Her	-
Eragrostis cf. *maypurensis* (Kunth) Steud.	19977	M 706	-	B	Her	-
Eragrostis cf. *rufescens* Schrad. ex Schult.	18578	M 372	-	C	Her	-
Eragrostis sp.	18577	M 371	-	C	Her	-
Panicum trichoides Sw.	19898	M 627	-	B	Her	-
Pappophorum sp.	19884	M 613	-	B	Her	-
Paspalum cf. *fimbriatum* Kunth	18576	M 370	-	C	Her	-
Paspalum cf. *oligostachyum* Salzm. ex Steud.	18634	M 428	-	B	Her	-
Paspalum sp.	19886	M 615	-	B	Her	-
Rhynchelytrum repens (Willd.) C.E.Hubb.	18573	M 367	-	C	Her	Inv
Setaria parviflora (Poir.) Kerguélen	18574	M 368	-	C	Her	-
Setaria setosa (Sw.) P.Beauv.	19890	M 619	-	B	Her	-
Setaria cf. *tenax* (Rich.) Desv.	18666	M 461	-	B	Her	-
Setaria sp.	17528	M 256	-	B	Her	-
Steinchisma laxum (Sw.) Zuloaga	18638	M 432	-	B	Her	-
Poaceae sp. 1	18635	M 429	-	C	Her	-
Poaceae sp. 2	19865	M 594	-	B	Her	-
Polygalaceae						
Bredemeyera hebeclada (DC.) J.F.B.Pastore	16111	M 71	-	B/C	Tre	-
Bredemeyera sp.	20320	M 1078	-	B	Shr	-
Polygala boliviensis A.W.Benn.	19920	M 649	-	C	Her	-
Polygala decumbens A.W.Benn.	18736	M 531	-	B/C	Her	-
Polygala glochidiata Kunth	19980	M 709	-	B/C	Her	-
Polygala paniculata L.	19981	M 710	-	C	Her	-
Polygala spectabilis DC.	16919	M 233	-	B	Ssh	-
Polygala violacea Aubl.	19953	M 682	-	B	Her	-
Polygala sp.	16118	M 78	-	B	Cli	-
Polygonaceae						
Polygonum sp.	18620	M 414	-	B	Cli	-

Table 1. ***Continued.***

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Ruprechtia laxiflora Meisn.	16123	M 83	pau-de-caixão	B	Tre	-
Pontederiaceae						
Eichhornia cf. *paniculata* (Spreng.) Solms	16751	M 168	-	C	Her	-
Portulacaceae						
Portulaca oleracea L.	16923	M 237	berduega	C	Her	-
Portulaca sp.	20036	M 765	sete-estepe	C	Her	-
Rhamnaceae						
Gouania latifolia Reissek	16034	M 43	-	B/C	Shr	-
Ziziphus joazeiro Mart.	16686	M 103	joazeiro	B/C	Tre	ECa
Rubiaceae						
Alseis floribunda Schott	20325	M 1083	quiri-branco	B/C	Tre	-
Borreria cf. *capitata* (Ruiz and Pav.) DC.	19938	M 667	-	B	Her	-
Borreria cf. *eryngioides* Cham. and Schltdl.	19992	M 721	-	B/C	Her	-
Borreria verticillata (L.) G.Mey.	16015	M 24	vassoura-de-botão	B	Her	Inv
Chiococca alba (L.) Hitchc.	16008	M 17	-	B	Shr	-
Coutarea hexandra (Jacq.) K.Schum.	16926	M 242	quina-quina	B/C	Shr	-
Diodella cf. *apiculata* (Willd. ex Roem. and Schult.) Delprete	18720	M 515	-	C	Her	-
Diodella teres (Walter) Small	18603	M 397	-	C	Her	-
Emmeorhiza umbellata (Spreng.) K.Schum.	19970	M 699	-	B	Cli	-
Guettarda angelica Mart. ex Müll.Arg.	16921	M 235	angeca	B/C	Tre	ECa
Guettarda sp.	16890	M 204	rompe-gibão	B	Tre	-
Randia armata (Sw.) DC.	17567	M 290	espinho-de-croá	B/C	Tre	-
Richardia grandiflora (Cham. and Schltdl.) Steud.	18061	M 340	-	C	Her	-
Richardia sp. 1	19988	M 717	-	B/C	Her	-
Richardia sp. 2	20024	M 753	-	C	Her	-
Tocoyena formosa (Cham. and Schltdl.) K.Schum.	16917	M 231	jenipapo-bravo	B/C	Tre	-
Rubiaceae sp. 1	19991	M 720	-	C	Her	-
Rubiaceae sp. 2	16704	M 121	-	C	Shr	-
Rutaceae						
Zanthoxylum cf. *petiolare* A.St.-Hil. and Tul.	18647	M 441	laranja-brava	B	Tre	-
Santalaceae						
Phoradendron affine (Pohl ex DC.) Engl. and Krause	17563	M 286	erva-de-passarinho	B	Her	-
Santalaceae sp.	18617	M 411	-	B	Cli	-
Sapindaceae						
Allophylus sp.	17559	M 282	-	B	Shr	-
Cardiospermum corindum L.	19825	M 554	-	C	Cli	-
Cardiospermum halicacabum L.	19861	M 590	-	B	Cli	-
Cupania sp.	20336	M 1094	cambotá	B	Tre	-
Serjania glabrata Kunth	16021	M 30	-	B	Cli	-
Serjania sp. 1	20018	M 747	-	B/C	Cli	-
Serjania sp. 2	19824	M 553	-	C	Cli	-
Sapotaceae						
Sideroxylon obtusifolium (Roem. and Schult.) T.D.Penn.	20038	M 767	quixabeira	C	Tre	-
Schoepfiaceae						
Schoepfia brasiliensis A.DC.	19895	M 624	-	B	Shr	-
Simaroubaceae						
Simaba floribunda A.St.-Hil.	20057	M 786	jaca-brava	B/C	Tre	Thr/EAF
Smilacaceae						
Smilax sp.	16038	M 47	japecanga	B	Cli	-
Solanaceae						
Brunfelsia uniflora (Pohl) D.Don	16735	M 152	manacá	B/C	Tre	-
Capsicum parvifolium Sendtn.	17536	M 259	-	B	Tre	-
Solanum megalonyx Sendtn.	18052	M 331	-	C	Shr	-
Solanum paludosum Moric.	16904	M 218	jurubeba	C	Shr	-
Solanum paniculatum L.	16728	M 145	-	C	Shr	-
Solanum rhytidoandrum Sendtn.	16932	M 248	jurubeba-branca	B/C	Shr	-
Vassobia cf. *breviflora* (Sendtn.) Hunz.	15757	C 606	-	B	Shr	-
Talinaceae						
Talinum portulacifolium (Forssk.) Asch. ex Schweinf.	17555	M 278	lingua-de-vaca	B	Her	-

Table 1. *Continued.*

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Urticaceae						
Pilea hyalina Fenzl	15762	C 611	-	B	Her	-
Urera baccifera (L.) Gaudich. ex Wedd.	15999	M 08	cansanção	B	Ssh	-
Valerianaceae						
Valeriana scandens L.	15784	C 632	-	B	Cli	-
Verbenaceae						
Lantana camara L.	16010	M 19	chumbinho	B/C	Shr	Inv
Lantana cf. *canescens* Kunth	16888	M 180	camará	B/C	Shr	-
Lantana cf. *rugosa* Thunb.	16708	M 125	alecrim-de-caboclo	C	Shr	-
Lippia alba (Mill.) N.E.Br.	18582	M 376	cidreira	C	Shr	-
Lippia gracilis Schauer	18557	M 351	candeia-de-queimar	C	Shr	ECa
Lippia sidoides Cham.	9384	Sa 9384	alecrim-pimenta	-	Shr	-
Stachytarpheta angustifolia (Mill.) Vahl	16750	M 167	-	C	Her	-
Tamonea curassavica (L.) Pers.	16006	M 15	-	B	Her	-
Vitex sp.	20335	M 1093	maria-preta	B	Tre	-
Verbenaceae sp. 1	16748	M 165	-	B	Ssh	-
Verbenaceae sp. 2	18045	M 324	alecrim-de-vaqueiro	C	Shr	-
Violaceae						
Hybanthopsis bahiensis Paula-Souza	16713	M 130	-	B/C	Her	-
Hybanthus calceolaria (L.) Oken	18026	M 305	-	C	Her	-
Vitaceae						
Cissus pulcherrima Vell.	16110	M 70	-	C	Shr	EAF
Cissus simsiana Schult. and Schult.f.	17537	M 260	-	B	Ssh	-
Vochysiaceae						
Callisthene sp.	20331	M 1089	branquinha	B	Tre	-
Undetermined						
Sp. 1	20337	M 1095	esporão-de-galo	B	Tre	-
Sp. 2	20341	M 1099	-	B	Tre	-
Sp. 3	20343	M 1101	-	B	Tre	-
Sp. 4	20344	M 1102	-	B	Tre	-
Sp. 5	20338	M 1096	quiri-preto	B	Tre	-
Sp. 6	19878	M 607	-	B	Tre	-

Table 2. List of families and species of Pteridophytes of the Serra da Guia, Poço Redondo, Sergipe state, Brazil, with their vouchers (ASE), collectors (name and number), popular names, habitats, habits and categories extinction. Collector. C: Costa, S.M.; M: Machado, W.J. Habitat. B: Brejo de Altitude; C: Caatinga. Habit. Her: herb.

FAMILY/*SPECIES*	VOUCHER	COLLECTOR	POPULAR NAME	HABITAT	HABIT	CATEGORY
Anemiaceae						
Anemia oblongifolia (Cav.) Sw.	19853	M 582	-	B	Her	-
Aspleniaceae						
Asplenium pumilum Sw.	15773	C 621	-	B	Her	-
Polypodiaceae						
Serpocaulon triseriale (Sw.) A.R.Sm.	18602	M 396	-	B	Her	-
Pteridaceae						
Hemionitis palmata L.	15774	C 622	-	B	Her	-
Salviniaceae						
Salvinia cf. *oblongifolia* Mart.	15753	C 602	-	C	Her	-

Acknowledgments: The authors would like to thank CAPES/PROCAD (Process 2334/2008-14) for financial assistance in the collection; UFS for logistical support; A. Alves, A.L. Gaglioti, A. Machado, C. Proença, D. Araújo, D. Cardoso, F. Souza, I.R.N. Menezes, J.E. Nascimento-Jr, J. Irapuan, L.A.S. Santos, L. Rossi, M.A. Farinaccio, M. Carnaúba, M.F. Araújo, M. Ibrahim, M.I. Loiola, M.M. Arbo, M. Pires, R. Bianchini, R. Lyra, S. Monteiro and V. Bitrich for their help in species identification; A.L. Dória Neto, J.B. Jesus and L.A. Gomes for their help in the field work; J.M. Ruiz-Esparza Aguilar for the preparation of map and J.M.S. Santos (Dona Josefa da Guia) and her family for the accommodation.

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Received: February 2012
Accepted: August 2012
Published online: November 2012
Editorial responsibility: James Byng